

What is claimed is:

1. A human apoptosis inhibitory protein comprising the amino acid sequence of SQ ID No:1.

5

2. A human apoptosis inhibitory protein comprising an amino acid sequence with deletion, substitution or addition of a single or plural amino acids in SQ ID No:1.

3. A human apoptosis inhibitory protein comprising the amino acid sequence of SQ ID No:3.

10

4. A human apoptosis inhibitory protein comprising an amino acid sequence with deletion, substitution or addition of a single or plural amino acids in SQ ID No:3.

5. A human gene encoding the human apoptosis inhibitory protein of claims 1 to 4.

15

6. A cDNA of the human gene of claim 5, comprising at least the nucleotide sequence for the coding region of SQ ID No:2.

20

7. A cDNA of the human gene of claim 5, comprising at least the nucleotide sequence for the coding region of SQ ID No:4.

8. An antibody against the human apoptosis inhibitory protein of claim 1 or 2.

25

9. An antibody against the human apoptosis inhibitory protein of 3 or 4.

10. A non-human animal gene to which the cDNA of claim 6 or 7, or a partial sequence thereof is hybridized.

11. A recombinant vector carrying the cDNA of claim 6 or a partial sequence thereof.
- 5 12. A recombinant vector carrying the cDNA of claim 7 or a partial sequence thereof.
13. A DNA probe comprising a partial sequence of the cDNA of claim 6.
- 10 14. A DNA probe comprising a partial sequence of the cDNA of claim 7.
15. A set of PCR primer corresponding to partial sequences of the cDNA of claim 6.
- 15 16. A set of PCR primer corresponding to partial sequences of the cDNA of claim 7.